

## **ABSTRACT**

The invention is directed to programmable temperature control in which a controller may be programmed to control a thermal output of said temperature-modifying device, and to operate an air circulating system independently of the temperature-modifying device. The apparatus may incorporate a user input for entering air handling information to program the air circulating system to operate at predetermined intervals. The controller may be further programmed to receive air filtration information from the user input and to generate air filtration output information. The system may also be programmed to receive information regarding a characteristic of the air circulating system from an sensor for use in calculating the air filtration output information.